

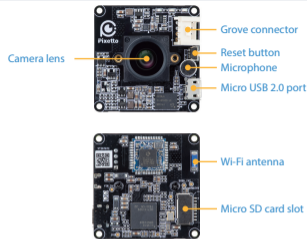


VIA Pixetto Vision Sensor



Quick Guide

Overview



Specifications

Processor	ARM Cortex-A7 900MHz
System Memory	64MB DDR SDRAM
Storage	128MB SPI Flash memory
Camera Sensor	GalaxyCore GC2053 CMOS image sensor
Camera Resolution	1920 x 1080
Camera Lens	130° field-of-view
Onboard I/O	3 LEDs (for power, OS booting & active status) 1 Reset button 1 Microphone 1 Grove connector 1 Micro USB 2.0 port 1 Micro SD card slot 1 Wi-Fi antenna
Power Supply	5V/500mA Micro USB 2.0 port 5V/300mA 4-pin Grove connector
Operating Temp.	0°C ~ 45°C
Size	38mm x 38mm (1.5" x 1.5")

Packing List

- VIA Pixetto vision sensor
- Micro USB 2.0 cable
- Quick Guide

Connecting Method

1. Go to <https://www.pixetto.ai> website to download the **Pixetto Studio** software file.
2. Double click on the **pixetto-studio-1.3.1-windows.exe** to install.
3. After the installation is completed, locate the shortcut icon named **Pixetto Startup** on the desktop.



4. Connect the Micro USB 2.0 cable to the Micro USB 2.0 port on the VIA Pixetto vision sensor.



5. Connect the VIA Pixetto vision sensor to the USB 2.0 or USB 3.0 port on your personal computer.



6. Wait until all three LEDs are lit. This indicates that the device is ready to use. Remember to remove the camera lens cover.



7. Open the VIA Pixetto Utility tool to view the live capture video from the VIA Pixetto vision sensor.

Updating Firmware

1. Connect the VIA Pixetto vision sensor to your personal computer.
2. Open the VIA Pixetto Utility tool. Click Help from the menu items then select 'Check for Update' to update the firmware.



3. Wait until the upgrade is completed. CAUTION: Do not unplug the cable during the update process. Removing the cable may cause damage to the VIA Pixetto vision sensor.

Safety Precautions

- We recommend adult supervision for users under the age of 18 years old.
- Avoid contact with moist objects, or moist or damp environments.
- The device is not water proof. Please avoid contact with water at all times.
- Do not expose the device to extreme high or low temperatures.
- To avoid damage, do not touch the surface of the device while in use.

For full instructions, please visit the official website <https://www.pixetto.ai>



Restriction of Hazardous Substances Directive

Equipment name: Vision sensor

Type designation (Type): VTS8787C

Unit	Restricted substances and its chemical symbols					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr ⁺⁶)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Board	○	○	○	○	○	○
Camera lens	○	○	○	○	○	○
Screws	-	○	○	○	○	○
Sticker	○	○	○	○	○	○
USB cable	○	○	○	○	○	○

Note 1:

"Exceeding 0.1 wt %" and "exceeding 0.01 wt %" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

Note 2:

"○" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

Note 3:

The "-" indicates that the restricted substance corresponds to the exemption.